

fig. 1

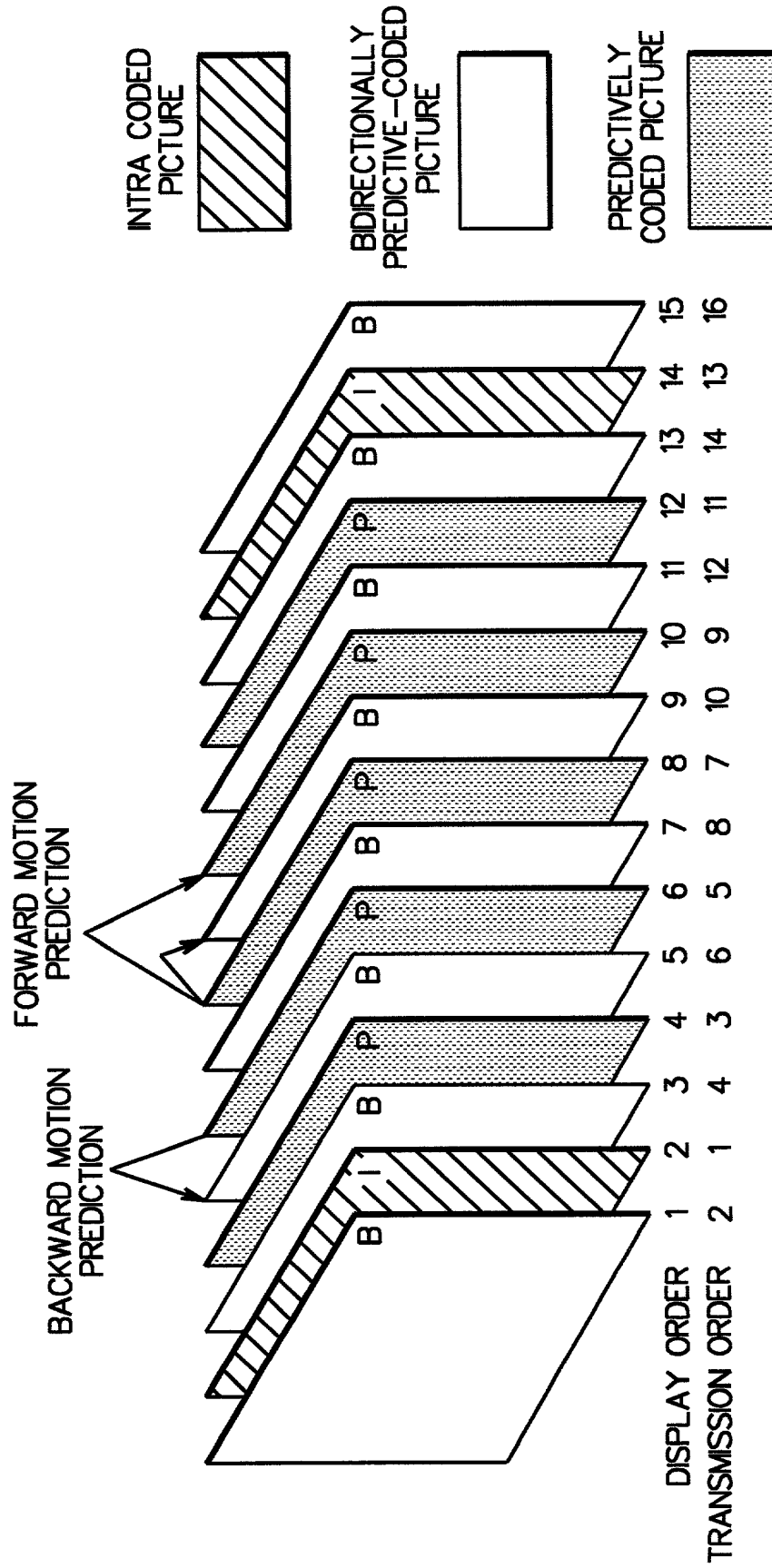


fig. 2

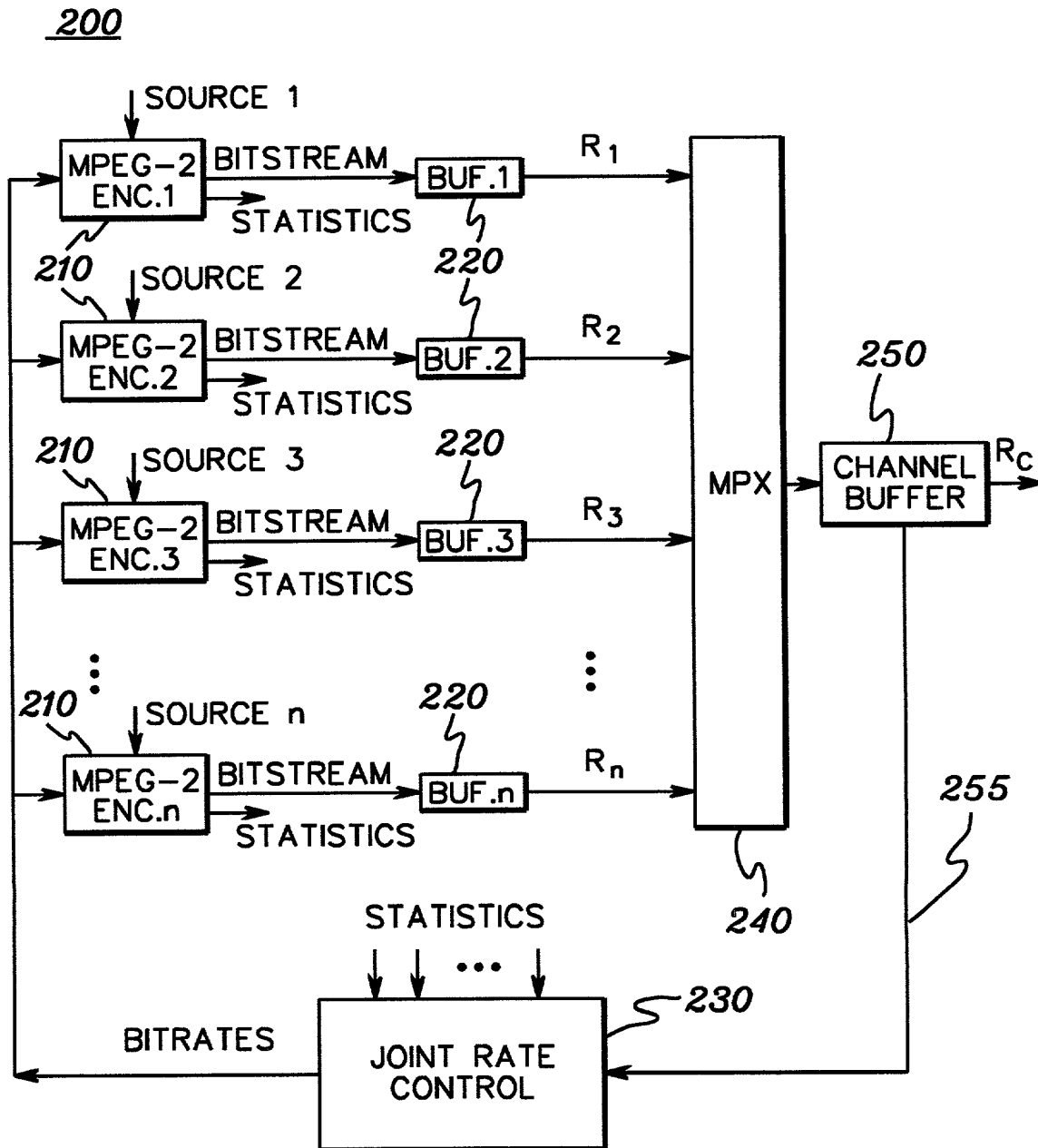


fig. 3

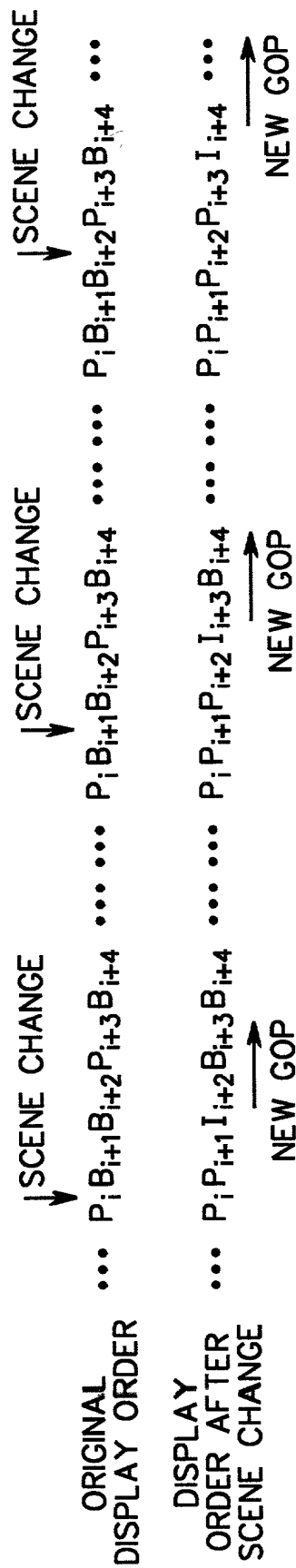
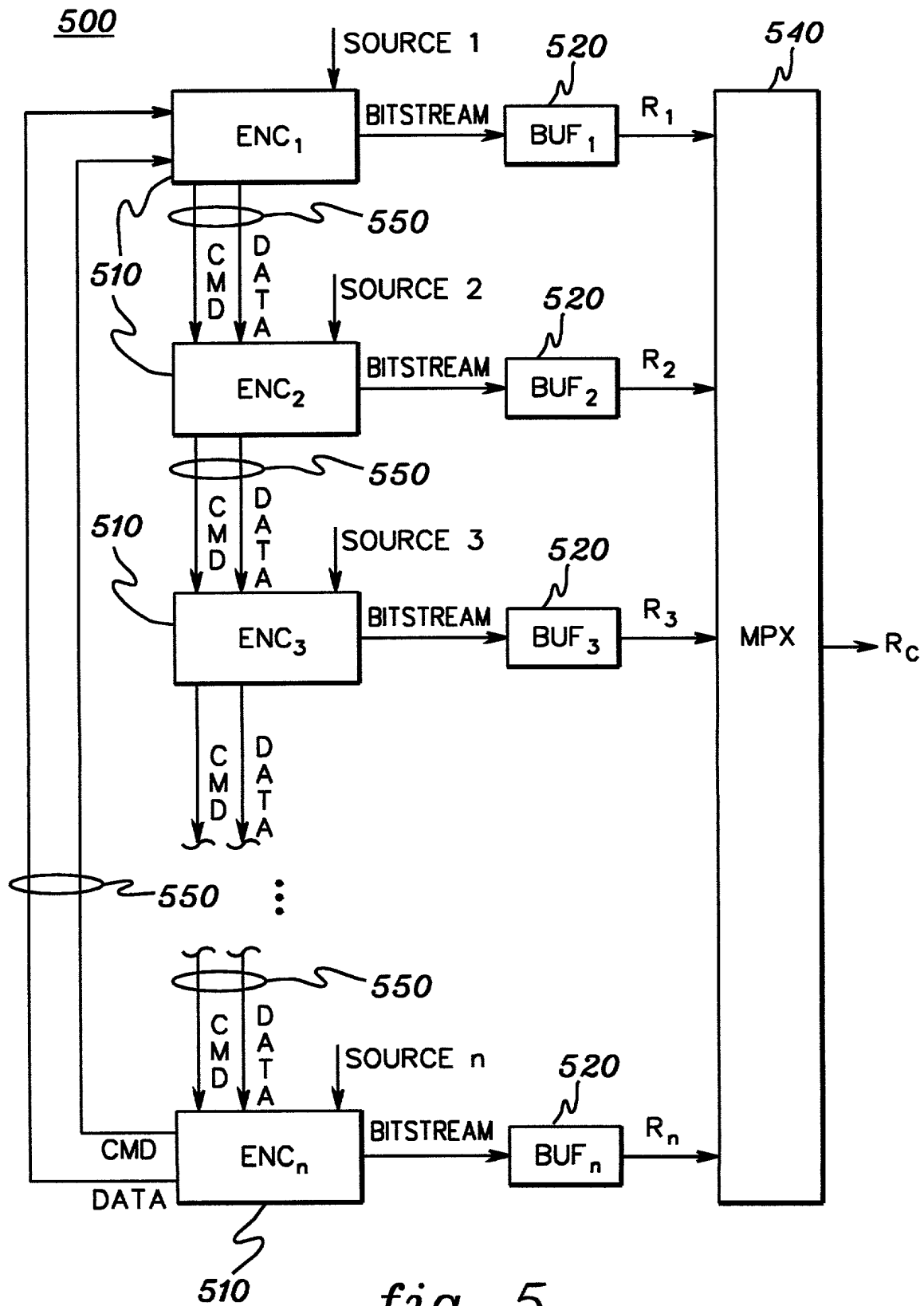


fig. 4



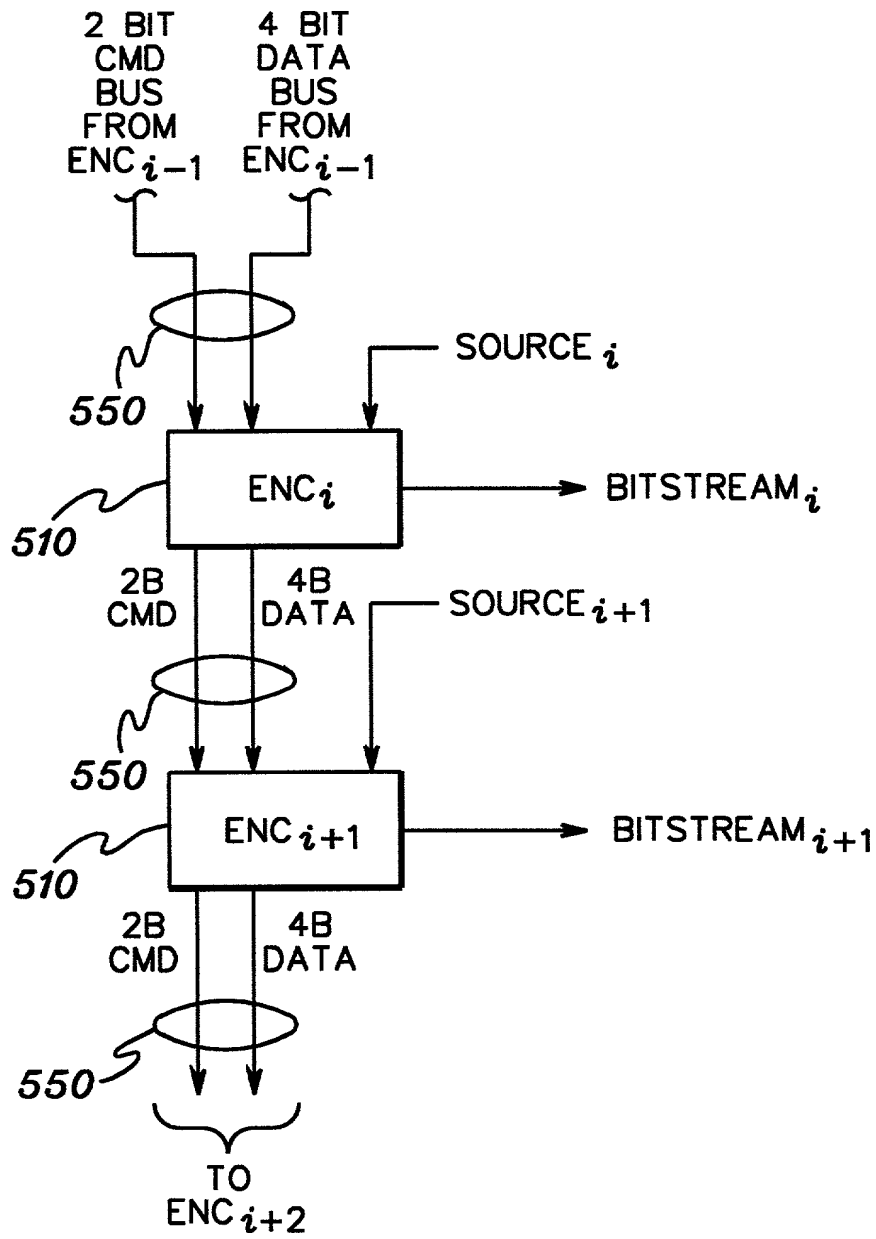


fig. 6

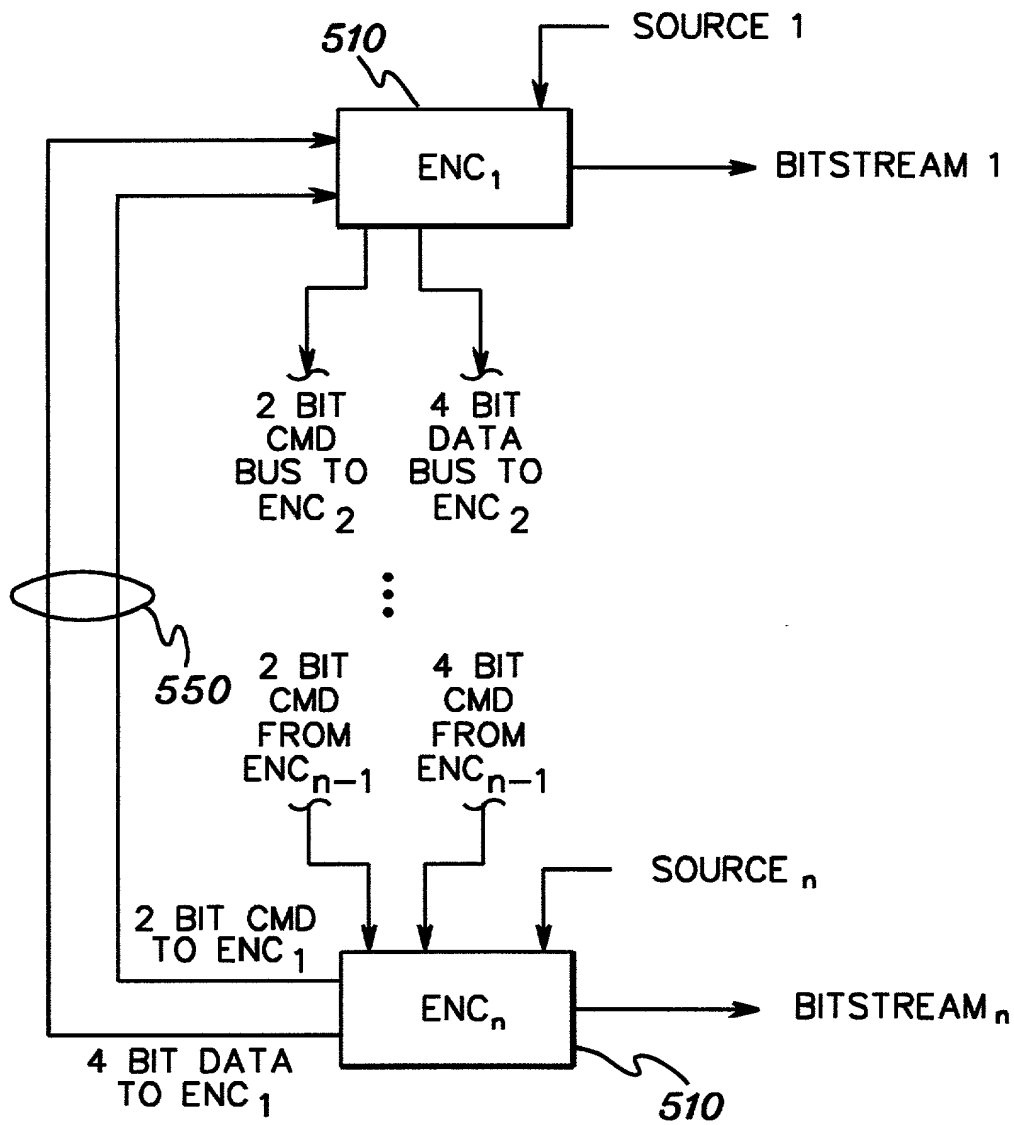


fig. 7

KEY FOR FIG. 8B

i	ENCODER INDEX. (1 THRU n)
n	INDEX OF LAST ENCODER IN SYSTEM
SUM	CONTROL WORD WRITTEN TO COMMAND (CMD) BUS SIGNALING THE SUMMING OF THE VALUE BEING PASSED
TOTAL	CONTROL WORD WRITTEN TO CMD BUS SIGNALING THE TOTAL OF THE VALUE BEING PASSED
V	VALUE READ FROM THE DATA BUS
V_i	VALUE CALCULATED BY EACH INDIVIDUAL ENCODER i
V_{SND}	VALUE WRITTEN TO DATA BUS
V_T	TOTAL VALUE (SAVED BY ENC i)
==	MEANS EQUAL TO
=	MEANS IS BEING ASSIGNED THE VALUE OF

fig. 8A

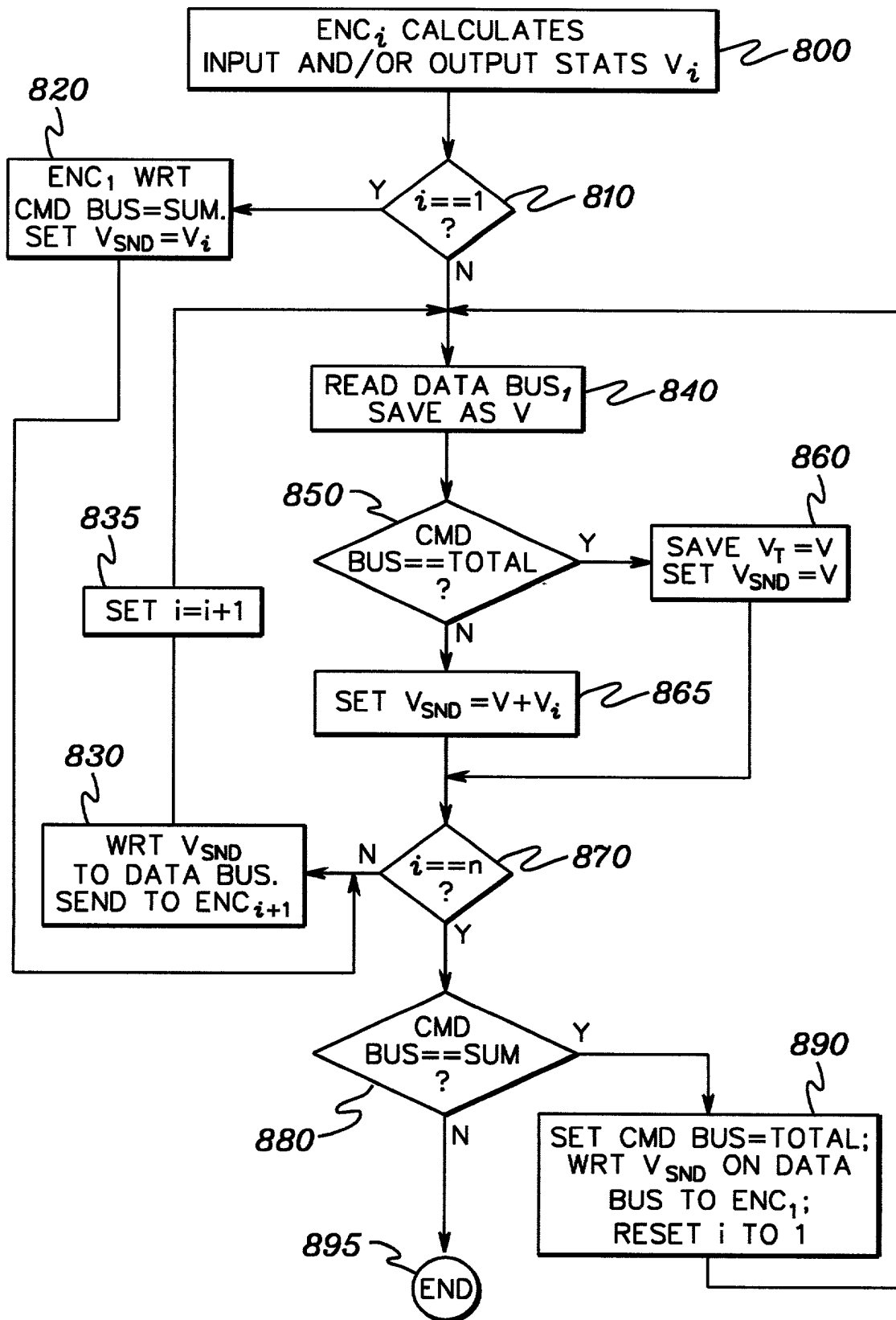


fig. 8B

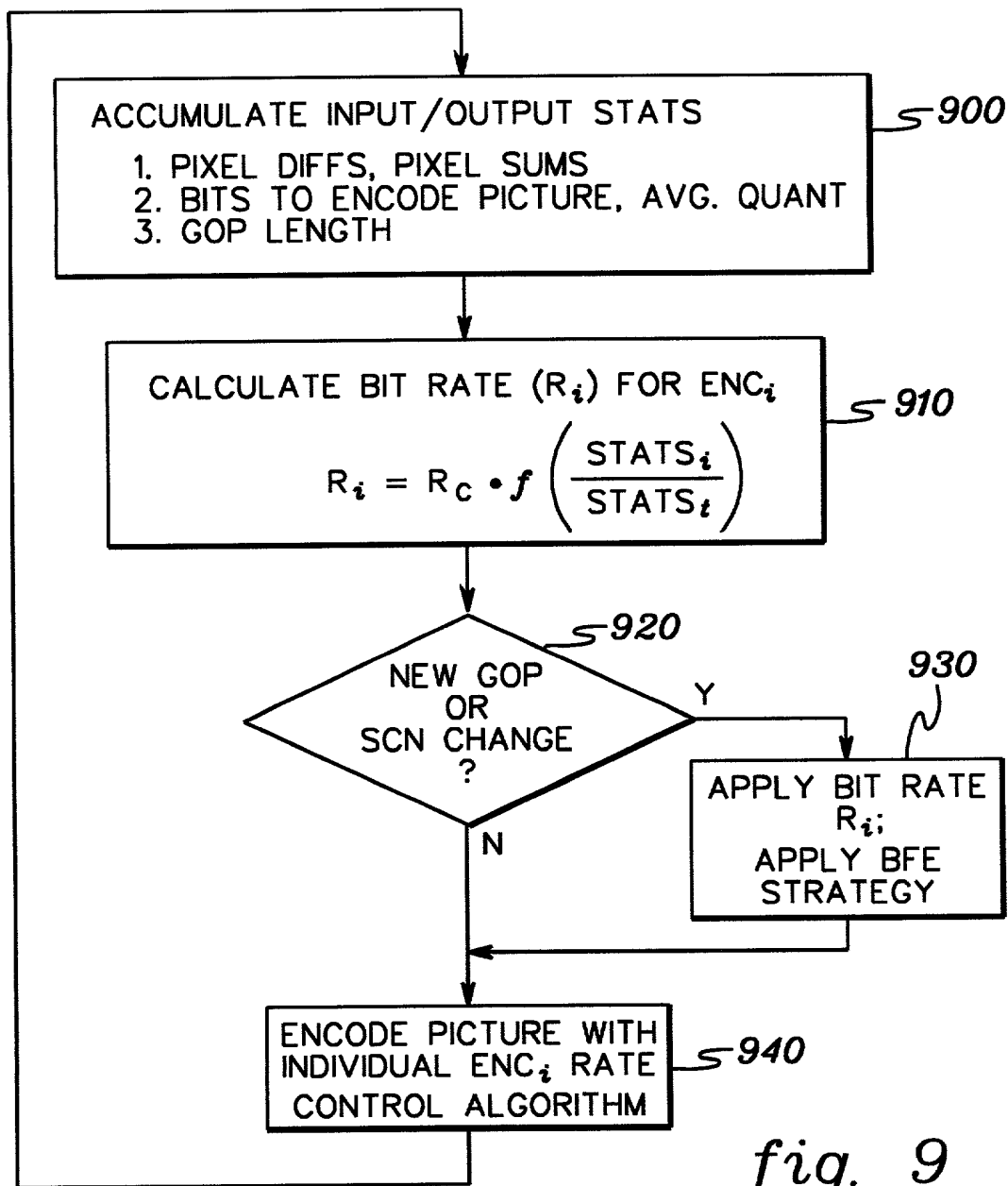


fig. 10

